



# भारत का राजपत्र

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No. 15]

NEW DELHI, SATURDAY, APRIL 12, 1969 (CHAITRA 22, 1891)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
Separate paging is given to this Part in order that it may be filed as a separate compilation

### भाग III—खण्ड 2

### PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE

#### Patents and Designs

Calcutta, the 12th April 1969

#### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

22nd March 1969

- 120490. Council of Scientific and Industrial Research. Paddy transplanting machine.
- 120491. R. S. M. Rajoria. Sakee's fountain pens.
- 120492. Nippon electric Company, Limited. Supervisory system for pcm regenerative repeaters.
- 120493. Montecatini Edison S.p.A., and G. D. Varda. Stepped bottom for multicell furnace for production of aluminium by electrolysis.
- 120494. Uguie Kuhlmann. Improvements in or relating to the manufacture of extrusion of profiled products of expanded plastics materials. [Addition to No. 112258].
- 120495. Defibrator Aktiebolag. Method of manufacturing mechanical pulp.
- 120496. Texas Instruments Incorporated. Method for fabricating integrated circuit arrays.
- 120497. Pirelli Societa Per Azioni. Electric cables insulated with rubber or synthetic material and a process for their manufacture.
- 120498. Melude SA. Base for anti-glare mounting of sources of light.
- 120499. Joseph Lucas (Industries) Limited. Manufacture of windings for dynamo-electric machines. (29th March 1968).
- 120500. Midland Silicoes Limited. Polymer compositions. (29th March 1968).

- 120501. AMP Incorporated. Improvements in and relating to terminals for electrical conductor wires.
- 120502. B. Porepp. Slide fastener with continuous link rows made of a string of plastic material.
- 120503. O. A. Basha. Frying & dehusking grams & Pulses. 24th March 1969
- 120504. Famatex G. M. B. H. Fabrik fur Textian sturges Mas chinen. Apparatus for winding sheet material.
- 120505. Unilever Limited. Flavouring compositions.
- 120506. Roblin Industries. Inc. Continuous steel casting method.
- 120507. Samarendra Narayan Sinha, Prabhat Kumar Mukerjee, and S. C. Shah. An improved seed-cum-fertilizer planting machine.
- 120508. Mrs. Neela Vinayak Rashinkar. Novel clothes hanger.
- 120509. Shell Internationale Research Maatschappij N. V. Pesticidal acrylamide derivatives, their preparation and use, and compositions containing them. (25th March 1968).
- 120510. Parke, Davis & Company. New pyrrolidine compounds and methods for their production. (25th March 1968).
- 120511. Itt Rayonier Incorporated. High crimp, high strength rayon filaments and staple fibers and process for making same.
- 120512. The English Electric Company Limited. Improvements in and relating to switching mechanisms. (25th March 1968).
- 120513. Phillips Petroleum Company. Process for producing carbon black.
- 120514. General Electric Company. Electric incandescent lamp mount structure.
- 120515. Zaidan Hojin Dohmyakukohka Kenkyu Shoreikai. Carbamates of pyridinemethanol derivatives and process for the production of them.

120516. Ciba Limited. Pilferproof closure.
120517. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Tetrahydroisoquinoline derivatives and process for the manufacture thereof.
120518. The Wellcome Foundation Limited. Organic compounds. (26th March 1968).
120519. Scherico Ltd. Improvements in or relating to steroids of the pregnane series.
120520. Scherico Ltd. Improvements in or relating to steroids of the pregnane series.
120521. Bethlehem Steel Corporation. Plastic coated cable. [Addition to No. 1055451.
120522. The Upjohn Company. Syringe assembling machine.
120523. The Upjohn Company. Racemic prostaglandin and process for preparing the same.
120524. The Upjohn Company. Racemic prostaglandin and process for preparing the same.
120525. The Upjohn Company. Racemic prostaglandin and process for preparing the same.
120526. The Upjohn Company. Racemic prostaglandin and process for preparing the same.
120527. N. V. Philips Gloeilampenfabrieken, Integrated capacitor memory.
- 25th March 1969
120528. P. A. Ayyathurai. Baby scooter.
120529. M. & T. Chemicals Inc. Nickel plating.
120530. M. & T. Chemicals Inc. Chromium Plating.
120531. United States Steel Corporation. Data correlation system.
120532. United States Steel Corporation. Apparatus for maintaining a special atmosphere above a casting mold.
120533. United States Steel Corporation. Method of making an embossed composite sheet.
120534. Farbenfabriken Bayer Aktiengesellschaft. Isocyanodiphenyl ethers and thioethers.
120535. Joseph Lucas (Industries) Limited. Electrical supply systems. (1st April 1968).
120536. Joseph Lucas (Industries) Limited. Electrical supply systems. (1st April 1968).
120537. Imperial Chemical Industries Limited. Production of bipyridylum salts and related compounds. (2nd April 1968).
120538. G. D. Societa in Accomandita Semplice di Enzo Seragnoli e Ariosta Seragnoli. A device for co-ordinating and separately supplying articles particularly sugar-drops and the like, to a paper wrapping machine.
120539. AMP Incorporated. Welding of metal members.
120540. Dr. K. C. Shah. Family planning loop and introducer instrument.
120541. I. F. C. Corporation. Method for vacuum dehydration and apparatus therefor.
120542. Siemens Aktiengesellschaft. A combination including a shaft and a bushing surrounding it.
120543. Merck & Co., Inc. Purification of myxovirus vaccine.
120544. Merck & Co., Inc. Preparation of phosphonic acids.
120545. Merck & Co., Inc. Method of preparing phosphonic acid compounds.
120546. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Salts of acylaminoalkyl-benzenesulfonyl-ureas with anion exchangers and process for preparing them.
120547. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Dispersions of polymers with wide network of cross-linking bonds and their manufacture.
120548. E. K. Conradty, P. Conradty and C. Conradty. High intensity carbon arc lamp cathode.
120549. Alutery Aluminiumipari Tervezo Vallalat. Device called alumina plant precipitator tank.
120550. F. Hoffmann-La Roche & Co., Aktiengesellschaft. Substituted triphenylcarbinols.
120551. Ciba Limited. Manufacture of new 6-fluoro steroids of the androstane series.
120552. N. V. Philips Gloeilampenfabrieken. Method of securing a metal supporting member to a glass wall by means of glaze and colour television fixture tube provided with such supporting members.
120553. N. V. Philips Gloeilampenfabrieken. Semiconductor device having a bistable circuit element.
- 26th March 1969
120554. Westinghouse Electric Corporation. Drift field thyristor.
120555. Shell Internationale Research Maatschappij N. V. Novel pesticidal phosphorylated oxadiazole derivatives, their preparation and use, and compositions containing them. (28th March 1968).
120556. Boehringer Ingelheim GmbH. Chemical compounds.
120557. The Dunlop Company Limited. Method and apparatus for forming articles e.g. pneumatic tyres. (29th March 1968).
120558. Trw Inc. Electromagnetic exploration method and apparatus.
120559. Joseph Lucas (Industries) Limited. Contact breaker assemblies. (29th March 1968).
120560. Joseph Lucas (Industries) Limited. Contact breaker assemblies. (25th July 1968).
120561. Scottish Agricultural Industries Limited. Plant foods. (28th March 1968).
120562. Joseph Lucas (Industries) Limited. Electrical supply systems. (1st April 1968).
120563. Imperial Chemical Industries Limited. Manufacture of bipyridylum salts and related compounds. (2nd April 1968).
120564. Transitube S. A. New and useful improvements relating to particulate material discharge from containers.
120565. Research Corporation. Treatment of tobacco.
120566. P. Pan. Improvements in or relating to taps.
120567. R. C. Palhan. Improvement in or relating to pressure release valve of pressure cookers and the like devices.
120568. Ciba Limited. Process for the manufacture of cystine-containing peptides.
120569. Merck & Co., Inc. Preparation of phosphonic acids.
120570. R. B. Golobart. Device for inserting, positioning and beating up the woof thread in a loom.
120571. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Recovering caprolactam from wash waters containing the same.
120572. N. V. Philips Gloeilampenfabrieken. Herbicidal composition and method of combating undesirable plant growth.
120573. Montecatini Edison S.p.A. Electromelted refractory material having a high resistance against thermal changes and against abrasion.
120574. B. C. Nanavati. Relating to manufacture of shoes.
- 27th March 1969
120575. Dr. Ajit Sankar Bhaduri, A. Ramamurthy, Biswa Nath Laha, M. K. Kumar and Dipak Kumar Mukherjee. Cashew nut shell liquid epoxy resin based electrical insulation coatings.
120576. Shell Internationale Research Maatschappij N. V. A process for the isomerization of aliphatic hydrocarbons and a catalyst therefor. (29th March 1968).
120577. Allied Chemical Corporation. Process for the production of phosphoric acid.

120578. J. R. Geigy A. G. Novel 3-aryl-5-methylhydantoin and process for the preparation thereof.
120579. Corning Glass Works, Method and apparatus for melting and refining thermoplastic material.
120580. Roussel Uclaf. Chemical compounds.
120581. Unelco. Device for controlling a switch.
120582. Halcon International, Inc. Process for preparing dibasic acid.
120583. Autair International Airways Limited. Food catering in vehicles.
120584. Imperial Chemical Industries Limited. Manufacture of bipyridylum salts and related compounds. (5th April 1968).
120585. Rodjo Foundation Engineering Ltd., and Hazarat & Co. Large diameter bored piles for marine structures.
120586. Merck & Co., Inc. Preparation of phosphonic acids.
120587. Merck & Co., Inc. Preparation of phosphonic acids.
120588. Pilkington Brothers Limited. Improvements in or relating to the assembly of electrical insulator elements. (28th March 1968).
120589. Johann A. Wulfig. Cardiolglycoside derivatives of the strophanthidin type; a process for their manufacture and medicinal preparations containing these compounds.
120590. Goetzwerke Friedrich Goetze Aktiengesellschaft. Method and apparatus for producing rings which are to be metallised.
- 28th March 1969
120591. Universal Electrics Limited. Improvements in or relating to electric supply meters.
120592. Inventa A. G. Fur Forschung Und Patentverwertung. Mixing arrangement and process thereof.
120593. Compagnie De Saint Gobain. Process and apparatus for the manufacture of fibres from thermoplastic materials such as in particular glass fibres.
120594. Compagnie De Saint Gobain. Process and apparatus for the production of fibres, for example glass fibres.
120595. Director, Indian Institute of Technology, Bombay, Dr. G. Venkatarman and Dr. G. Santhanam. Dynamic setting of controllers with logical circuit and switching device.
120596. Glaxo Laboratories Limited. Chemical compounds. (29th March 1968).
120597. Glaxo Laboratories Limited. Chemical compounds. (29th March 1968).
120598. Research Institute for Medicine and Chemistry Inc. Pharmaceutical compositions.
120599. Lodge-Cottrell Limited. Improvements in or relating to electroprecipitators. (2nd April 1968). [Addition to No. 10007311.
120600. British Insulated Callender's Cables Limited. Improvements in or relating to the manufacture of multi-conductor cables. (5th April 1968). [Addition to No. 110596].
120601. Jervis B. Webb Company. Conveyor carrier with selectively operable dogs.
120602. Werkzeugmaschinenfabrik Oerlikon-Bührle AG. Protection device against excessive braking of a vehicle wheel braked by compressed air.
120603. Union Carbide Corporation. Internal seals for pumps with enclosed impellers.
120604. Farbenfabriken Bayer Aktiengesellschaft. Pigment preparations.
120605. Imperial Chemical Industries Limited. Methanol production. (8th April 1968).
120606. John Wyeth & Brother Limited. Heterocyclic compounds. (9th April 1968).

120607. J. R. Geigy A. G. Powder dispensers.
120608. Deutsche Gold-Und Silber-Scheideanstalt Vormals Roessler. Medium for influencing the growth of plants.
120609. Steelsworth Private Ltd. Oil fired industrial furnaces.
120610. Merck & Co., Inc. Process for preparing 1-propynylphosphonic acid.
120611. Boehringer Mannheim GMBH. 5-nitrofuran derivatives. (17th January 1969).
120612. Roussel Uclaf. Processes for preparing new unsaturated steroids. (6th September 1968).
120613. Palitex Project-Company G.m.b.H. Double-twist twisting machine with separators arranged between the spindles.
120614. The Indian Drug Research Association. New products of biological interest.

#### Alteration of Date

111944. The claim to priority date 22nd March 1967 has been disallowed and the application dated as of 14th August 1967, the date of filing in India.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patent's Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act;

82563. Hotchkiss-Brandt. Ejectable support for the propelling launching charge of a projectile which is loaded through the muzzle of the firing means. Accepted on 25th March 1969.

*A propelling launching charges for projectiles which are loaded through the muzzle of the gun tube or other launching means.*

94630. Institut Francais Du Petrole, Des Carburants Et Lubrifiants. Process for growing yeasts in a medium containing hydrocarbons as the sole source of carbon. Accepted on 26th March 1969.

*Characterised in using part of hydrocarbons as crude petroleum.*

102068. The Anil Starch Products Limited. Improvements in or relating to the treatment of rice for improving its quality. Accepted on 27th March 1969.

*Characterized by immersing it in the solution of bacterial alpha-amylase containing 1/5000—1/500 mol of NaCl and 1/3000—1/300 mol of soluble calcium salt.*

102070. The Anil Starch Products Limited. Improvements in or relating to food products obtained by brewing. Accepted on 27th March 1969.

*Characterized by adding beta-D-glucopyranose-aerodehydrogenase and catalase to hem in order to prevent degradation of their qualities.*

102458. The Anil Starch Products Limited. Improvements in or relating to the production of sweetening agents e.g. starch sugar syrup, starting from starch. Accepted on 27th March 1969.

- Characterized by liquefying starch with acids or bacterial amylase, followed by saccharifying with malt amylase at 4.3-5.5 and temperature of 50–60°C, followed by saccharifying the resulting solution at pH 4.0–5.0, temperature of 50–60°C, with preparation consisting of maltose—oligo—saccharide—transglucosidase.
102459. The Anil Starch Products Limited. Improvements in or relating to the production of proteinaceous sauce. Accepted on 27th March 1969.
- Characterized by cultivating *aspergillus oryzae* on a mixture of proteinaceous substances of plant origin and wheat, and by fermenting the culture in sodium chloride solution containing protease and amylase, during a short period of 70–90 days.
102574. The Colonial Sugar Refining Company Limited. Water-soluble phosphate compositions and process for preparing. (25th November 1964). Accepted on 22nd March 1969.
- Composition consisting of a complex association of two components (a) and (b), said component (a) consisting of one or more salts of one or more sugar phosphates and said component (b) consisting of one or more inorganic phosphate wherein the cation or cations being selected from the group consisting of those multivalent metal cations which form essentially water-insoluble phosphates.
104214. Mefina S. A. A fuse for a missile to be fired by a gun with rifled bore. Accepted on 27th March 1969.
- Includes safety means operative during transportation, a self destroying system and safety means operating during flight to keep the striker in a predetermined safety position during a predetermined lapse of time after firing through the agency of a clockwork of the escapement type including a toothed sector adapted to pivot round an axis parallel with the general axis of the fuse.
105589. Forsvarets Fabriksverk. Projectile with a rearwards directed steering tube. Accepted on 25th March 1969.
- A projectile having a steering tube with rearwardly directed weakening slots, so that where the projectile leaves the firing tube of the weapon, the flaps under the action of propelling bases are bent out to the derived angle and the transversal weakening are so much tightened, that a further bending out of the flaps is rendered more difficult or prevented.
105953. PPG Industries, Inc., formerly known as Pittsburgh plate Glass Company. Method of preserving vegetable produce. Accepted on 27th March 1969.
- Comprising contacting the produce with hydrazoic acid.
111180. N. V. Philips' Gloeilampenfabrieken. Improvement in the formation of silicon nitride layers on silicon bodies. (23rd June 1966). Accepted on 20th March 1969.
- Comprising the step of heating the body consisting of silicon at a temperature of at least 500°C in ammonia-containing atmosphere.
111187. E. Ali-Oglu. Improvements in and relating to building construction and pre-fabricated components therefor. Accepted on 21st March 1969.
- Comprising an elongated column, plurality of integral arms disposed at 90° reinforcing rods.
111191. Prof. Dr. Ing. H. Meier. Rail fastening, especially concrete ties (sleepers). Accepted on 21st March 1969.
- Comprising guide plates arranged laterally beside the rail and embedded into the sleeper, and by a clamping device pressing on the said guide plates.
111275. Council of Scientific and Industrial Research. Improvement in or relating to process of making photosensitive silver sulphide thin film device. Accepted on 26th March 1969.
- Consists in introducing dopants into the silver sulphide layer by adding the dopants to the bath (consisting of thio urea, a soluble silver salt made alkaline to pH around 9.5) during chemical deposition, namely (a) ions of group II (b) (Zinc, cadmium, mercury) in the periodic classification with selenium or/and tellurium (b) antimony or/and bismuth and alkali halides and (c) others ions of group I (b) in the periodic classification with alkali halides and subsequently heat treating the deposited layers in air in the range between, 120° and 175° for ten minutes.
111587. Imperial Chemical Industries Limited., and Balm Paints Limited. Polymer dispersions. (20th July 1966). [Addition to No. 103811]. Accepted on 26th March 1969.
- By dispersing particles of the polymer in the liquid in the presence in solution in the liquid of a stabiliser containing polar groups.
111923. Gosudarstvenny Nauchno-Issledovatel'sky Energetichesky Institut Imeni G. M. Krzhizhanovskogo. A method of heating materials in process installations. Accepted on 24th March 1969.
- A gas turbine connected to combustion chamber provided with an inlet, a preheater or reaction apparatus being connected to said chamber.
111944. Royalty Designs of Florida, Inc. Fabric-carried plastic article and process for forming the same. Accepted on 25th March 1969.
- Comprises a fibre-formed fabric carrying at a predetermined region thereof a quiverty resilient plastic material and rearwardly coating the fibres on both sides of the fabric while locking between the fibres.
112066. Jiban Gopal Ghosal. An improved dry gas holder. Accepted on 24th March 1969.
- Having two or more co-axially superimposed shells and characterised by an annular dish shaped member provided at top of the lower most shell with sealing liquid at top as a shallow layer.
112242. Vsesojuzny Nauchno-Issledovatel'sky Institut Burovoi Tekhniki. Boring cutter rock bit. Accepted on 26th March 1969.
- The apices of teeth 7, 7<sub>1</sub> of certain rims are offset toward the cutter body with respect to the apices of teeth 6, 6<sub>1</sub> of other rims adjacent to the former and altering therewith.
112293. International Tractor Company of India Limited. Improvements in jacks. Accepted on 11th March 1969.
- A lifting jack which makes use of the built in hydraulic system available on all tractors in order to raise such vehicles off the ground.
112349. Kali-Chemie Aktiengesellschaft. Process for producing calcined phosphate fertilizers. (17th April 1967). Accepted on 13th March 1969.
- Comprises aqueous alkali metal hydroxide solution is carbonated and concentrated before or after the solution is mixed with a phosphate rock and any silica needed to provide in the calcined phosphate fertilizer a molar ratio of P<sub>2</sub>O<sub>5</sub>:SiO<sub>2</sub> of between 1 : 0.1 and 1 : 0.9 and to bind all calcium oxide, the resulting mixture being granulated or fragmented.
112371. Palitex Project-Company GmbH. Multiple twist spindle. Accepted on 15th March 1969.
- A multiple twist spindle in which the projective pot and the winding off bobbin are held in position by radially magnetised permanent magnets which face each other and which are mounted in the pot and fixed to the machine respectively.

112410. Cluett, Peabody & Co., Inc. Apparatus for the treatment of webs of fabric to impart wash-and-wear or crease resistant characteristics thereto. Accepted on 19th March 1969.

*Including a closed chamber means in the chamber for supplying an atmosphere including a treating gas, the atmosphere supplying means including a treating gas distribution device extending into the chamber.*

112438. Toyo Koatsu Industries, Incorporated. Urea synthesis process with solution recycle. Accepted on 20th March 1969.

*Comprising separating and recovering unreacted ammonia and carbon dioxide as concentrated aqueous solution and their recycle to the synthesis zone.*

112466. Chatillon societa anonima Italiana per la Fibre Tessili Artificiali S.p.A. Process for the polymerization of vinyl chloride and polyvinyl chloride obtained. Accepted on 22nd March 1969.

*Characterises in employing a catalyst system consisting of organic hydroperoxide, sulphur dioxide and at least one alcoholate of desired structure.*

112473. Council of Scientific and Industrial Research. Improvements in or relating to beneficiation of natural graphite. Accepted on 24th March 1969.

*Characterized by a plurality of nozzles to spray wash water are located above an outlet to the said column to feed the said beneficiated froth containing high purity graphite into a receiver and a draining system is provided at the bottom of the column to drain the tailings containing mostly impurities of the said natural graphite.*

112488. Council of Scientific and Industrial Research. Aluminium furnace brazing flux. Accepted on 24th March 1969.

*A composition for furnace brazing of aluminium comprising a combination of readily fusible alkali chlorides.*

112502. The National Cash Register Company. Process for treating polymeric material walls of minute capsules. Accepted on 26th March 1969.

*Comprising the steps of establishing an agitated dispersion of such capsules in water, introducing into the dispersion an aqueous solution of a water-soluble uranium or vanadium salt, and, if required, removing the treated capsules from the aqueous vehicle and drying them.*

112540. H. Papst. Airship. (7th April 1967). Accepted on 25th March 1969.

*Airship, particularly with water vapour and gases as buoyancy-providing means in the body of the ship, wherein the water vapour and the gases are contained in a double-walled collapsible envelope.*

112558. Institut Elektrosvarki Imeni Patona. An installation for casting of slag into mould through syphon arrangement. Accepted on 22nd March 1969.

*Comprising a mould with a bottom plate and syphon arrangement for pouring liquid slag into a mould, a plate with a central opening being provided between the mould and a bottom plate, and a lateral channel communicating with the syphon arrangement.*

112579. Brown & Williamson Tobacco Corporation. Method and apparatus for manufacturing composite rods for cigarettes. Accepted on 22nd March 1969.

*Comprises components of at least three different materials feeding means conveying means, drive means, and wrapping means.*

112663. American Flange & Manufacturing Co., Inc. Press feed and ejector apparatus and method. Accepted on 25th March 1969.

*A method and apparatus for the automated manufacture of drum heads particularly concerned with feeding closure flanges and ejecting finished drum heads out of metal working presses.*

112722. Sandoz Ltd. Disperse dyes of the monoazo series, process for their production and materials dyed, padded or printed therewith. Accepted on 22nd March 1969.

*Diazotising amine  $R_1R_2NSO$ ,  $C_6H_5R_3R_4NH$ , and coupling resulting compound with  $C_6H_5R_5N$ ,  $R_6CH_2CH(R_7)CN$ ,  $R_8$ ,  $R_9$  and  $R_{10}$  being alkyl with 1—4 carbon atoms,  $R_1$  and  $R_2$  being chlorine or bromine and  $R_3$ ,  $R_4$  are hydrogen or methyl radical.*

112724. W. J. Wallace Systems, Inc. Materials handling machine. Accepted on 22nd March 1969.

*Comprising supporting means, guide wheel a bucket conveyor circular buckets cable elements, roller elements rotatably mounted on its guide wheels.*

112774. The Fertilisers and Chemicals, Travancore Limited. A method of concentrating dilute mineral acids by azeotropic distillation of its water content. Accepted on 26th March 1969.

*Comprising the steps of adding a predetermined quantity of acetic acid to the mineral and subjecting the mixture to vacuum distillation.*

112775. The Fertilisers and Chemicals, Travancore Limited. A method for concentrating dilute mineral acids. Accepted on 26th March 1969.

*By partial pressure evaporation in the presence of suitable hydrocarbon or a mixture of hydrocarbons.*

113132. Hitachi Ltd. Operating device for on-load tap changer in a transformer. Accepted on 24th March 1969.

*Comprising electric motor, reduction gears, main shaft, operating reduction gears arranged concentrically in a oil tank.*

113142. Joseph Lucas (Industries) Limited. Filling and venting devices for batteries and batteries incorporating such devices. (14th November 1966). Accepted on 26th March 1969.

*Comprising a moulded sleeve, bore, lid, and a cover.*

113290. Hughes Tool Company. Apparatus for increasing drilling rates in rotary well drilling. [Addition to No. 110360]. Accepted on 26th March 1969.

*Comprising a housing vibration generator, output legs cavities, drill bit.*

113390. J. V. Bhawe. An improved apparatus for controlling the fuel in a carburettor. Accepted on 20th March 1969.

*One inlet connected to the fuel tank or fuel pump and one outlet connected to the carburettor inlet and an inlet valve regulated by a lever actuated by a resilient diaphragm.*

113449. Sumitomo Chemical Company, Ltd. Novel benzylidenemalonitriles, process for preparation and novel pesticide containing the same. Accepted on 25th March 1969.

*Process for preparing 4-acetoxy-benzylidenemalonitriles comprises reacting a 4-hydroxy-alkyl-benzylidenemalonitrile with an acylating agent selected from the group consisting of acetyl halides and acetic anhydride.*

113564. Bata Show Company of Canada Limited. Manufacture of footwear by injection moulding. (23rd December 1966). Accepted on 19th March 1969.

*Injecting a first molding material into a first cavity defined between the insole and the first closure member and subsequently injecting a second molding material into a second cavity defined by a second closure positioned adjacent the last.*

113593. Council of Scientific and Industrial Research. Improved cell or battery systems incorporating copper oxalate cathode. Accepted on 18th March 1969.

- Characterised in that the cathode is a copper oxalate based cathode.*
113689. Heinrich Koppers Gesellschaft Mit Beschränkter Haftung. Improvements relating to extractive distillation. Accepted on 24th March 1969.
- Characterised by using N-substituted morpholines with substituents having not more than seven carbon atom as a selective solvent.*
113841. Escorts Limited. Differential drives for low horse power tractors. Accepted on 21st March 1969.
- Intermediate shaft on which are mounted two clutches, one for driving a sprocket wheel one split shaft and another for driving a sprocket wheel on the other split shaft, the clutches being operated by a shifting lever connected to sliding elements in engagement one with each of the components of the two clutches.*
113889. Moskovsky chugunoliteiny zavod "Stankolit". A welding wire. Accepted on 25th March 1969.
- Characterised in that its powdered coating charge contains in addition to the above—said constituents, also iron scale, while crystalline graphite is employed as graphite.*
113983. The Metal Box Company Limited. Improvements in or relating to the sealing of cartons. (11th January 1967). Accepted on 22nd March 1969.
- Intermittently operable support means movable between positions of rest of the carton at one of which an underlying closure portion is substantially at right angles to the carton portion to which it is connected and at which means engage the overlying closure portion to support it in spaced angular relation with the underlying closure portion.*
114170. C. S. Rao. Improvements in or relating to clothes hanger. Accepted on 25th March 1969.
- Two rigid members, called the wire frame, three wire stays one apart from another, two inverted triangular end, and two extending stubs.*
114183. Imperial Chemical Industries Limited. Production of polyamides and dyeing same. (7th February 1967). [Addition to No. 105580]. Accepted on 26th March 1969.
- Polymerising monoaminocarboxylic acid in presence of N-alkylaryl sulphonamide.*
114445. The B. F. Goodrich Company. Tire. (21st March 1967). Accepted on 27th March 1969.
- Comprising a pair of laterally spaced annular beads and an annular flexible carcass of elastomer coated fabric with a circumferential tread region and opposing sidewall regions between tread region and each bead.*
114718. Hindustan Lever Limited. Dentifrice. (3rd March 1967). Accepted on 27th March 1969.
- Comprises an amount of at least 30% by weight of the dentifrice of alpha alumina trihydrate having a particle size distribution such that at least 20% by weight of the particles have a size greater than 20 microns.*
114829. Council of Scientific and Industrial Research. A process for the preparation of gamma ferric oxide. Accepted on 26th March 1969.
- Reacting ferrous sulphate with oxalic acid or soluble oxalate, heating the resulting ferrous oxalate at 700—800°C in a closed rotary furnace, and oxidising the magnetic oxide thus formed in air in thin layers at 230—235°C.*
115241. Joseph Lucas (Industries) Limited. Waterproof gaiters for electrical connectors. (3rd May 1967). Accepted on 25th March 1969.
- Having a flexible sleeve like portion surrounding a conductive member and taperly engaging an insulating sleeve and a annular ring engageable with said portion serving to clamp it with said insulating sleeve.*
115346. Cardwell Westinghouse Company. Two way automatic brake adjuster. [Addition to No. 98963]. Accepted on 25th March 1969.
- Two way automatic brake adjuster for a rail road car and comprises an improvement in or modification of the invention described and claimed in Indian Patent Specification No. 98963.*
115528. M. N. Patel. An improved hydraulic coupling unit for controlling the speed and torque of different machines. Accepted on 21st March 1969.
- Water pump type body having fins on the inner side and cooling fins on the outer side of the body and an open vane type impeller, both parts being fitted together and mounted on antifriction bearings.*
115736. General Time Corporation. Electric clock alarm system including electromagnetic vibrator. Accepted on 25th March 1969.
- Including an auxiliary pole for generating alternating flux, an electromagnet vibrator comprising a sounding element, a resilient vibratory element carrying a striker for striking the sounding element, and a permanent magnet mounted on the resilient element adjacent the auxiliary pole.*
116118. Caterpillar Tractor Co. Two-piece master track link. Accepted on 25th March 1969.
- A juncture between mating surface of the link parts disposed at least in substantial part on a diagonal plane within the link defined at its extremities by an imaginary line of the inside link surface parallel to and adjacent the pin connection of one of the link parts and an imaginary line on the outside link surface parallel to and adjacent the pins connection of the other link part.*
116150. Siemens India Limited. Improvements in or relating to control panels such as switch boards, control boards and the like. Accepted on 25th March 1969.
- Comprising a plurality of base plates each plate having a plurality of holes in which mosaic tiles are mounted, instruments being mounted by removing the appropriate tiles.*
116686. Westinghouse Electric Corporation. Circuit interrupter having improved flashover characteristics. Accepted on 21st March 1969.
- Comprising terminal means at each end of a tubular casing a body of arc extinguishing material inside the casing a tubular conducting member in said casing connected to one terminal means and fusible means and extending beyond the one terminal means.*
116765. Glanzstoff A. G. Composite filaments. (8th May 1968). Accepted on 21st March 1969.
- In which the sheath of the filament is a homopolyamide and the core a co-polyether amide, which has been produced by polycondensation of adipic acid with 75 to 20 mol % of an ether diamine.*
117028. The Goodyear Tire & Rubber Company. Improvements in preparation of macrocyclic compounds. Accepted on 25th March 1969.
- Comprising cyclization of alicyclic—unsaturated hydro carbons diluted with 10% of inert diluent and a catalyst.*
117088. E. C. Mendoza. Improvements in automatic tortilla (mexican indian corn pancake) making machines. Accepted on 26th March 1969.
- Automatic "tortilla" (Mexican Indian Bread) machine, more particularly or tortilla-shaping head, suitable for ejecting automatically the tortillas already made, before submitting them to the baking process.*
117332. Westinghouse Electric Corporation. Grading and cascading circuit for lightning arresters having a plurality of spark gaps. Accepted on 21st March 1969.

*Wherein capacitor means are connected across atleast two serially connected spark gaps and atleast one of the said serially connected spark gaps is also bridged by another capacitor circuit.*

117413. Francis Shaw and Company (Manchester) Limited. Improvements relating to mixing machines. Accepted on 21st March 1969.

*Comprising means provided to engage each end of a door closing a discharge opening to remove the load from the door bearings.*

117422. British Insulated Callender's Cables Limited. Improvements in or relating to the manufacture of electromagnetic coils. (29th August 1967). Accepted on 21st March 1969.

*Comprise profiling the edges of a metal strip coating it with resin semicuring and winding it with an insulating sheet to form a coil and then impregnating and curing.*

#### Patents Sealed

105581. 105595. 105707. 105720. 105952. 106036. 106451. 106725. 106765. 106815. 106828. 106973. 106998. 107101. 107122. 107162. 107164. 107182. 107185. 107194. 107239. 107241. 107276. 107510. 107512. 107570. 107581. 107730. 107891. 107980. 108274. 108401. 108514. 108815. 108857. 109070. 109244. 109265. 109490. 109517. 109640. 109722. 110086. 110117. 110387. 110548. 110647. 110651. 110740. 111199. 111645. 111767. 111948. 112570. 113046. 113148.

#### Renewal Fees Paid

51629. 51633. 51699. 51777. 51789. 51833. 52073. 53683. 53856. 53880. 53923. 53945. 54201. 54209. 54232. 54242. 54265. 54298. 54349. 56971. 56973. 56980. 57029. 57033. 57118. 57122. 57159. 57223. 57377. 57559. 59971. 60026. 60071. 60084. 60085. 60111. 60175. 60184. 60198. 60205. 60212. 60235. 60288. 60591. 60841. 60852. 61160. 61519. 62315. 62977. 63544. 63647. 63659. 63710. 63751. 63770. 63771. 63776. 63790. 63815. 63825. 63834. 63880. 63911. 63913. 64055. 64056. 64212. 64222. 64605. 65119. 65815. 66949. 67236. 67238. 67249. 67273. 67287. 67296. 67334. 67373. 67407. 67415. 67440. 67508. 67524. 67538. 67607. 67732. 68167. 68594. 68655. 68858. 69391. 70270. 71076. 71312. 71318. 71339. 71360. 71372. 71379. 71380. 71387. 71404. 71424. 71425. 71466. 71474. 71519. 71521. 71523. 71530. 71531. 71537. 71538. 71539. 71566. 71574. 71627. 71657. 71744. 71868. 71998. 71999. 72295. 72475. 72296. 75778. 75984. 76069. 76093. 76099. 76105. 76128. 76136. 76158. 76162. 76201. 76202. 76210. 76239. 76271. 76277. 76283. 76284. 76295. 76330. 76331. 76333. 76334. 76347. 76362. 76367. 76373. 76381. 76388. 76394. 76397. 76405. 76425. 76437. 76541. 77642. 77643. 78055. 80710. 81245. 81295. 81563. 81579. 81601. 81647. 81669. 81674. 81692. 81698. 81703. 81747. 81749. 81755. 81756. 81757. 81806. 81807. 81816. 81820. 81822. 81823. 81826. 81827. 81828. 81835. 81843. 81862. 81903. 81905. 81906. 81923. 81925. 81926. 81937. 81938. 81983. 81998. 82086. 82646. 84057. 84058. 87133. 87186. 87208. 87232. 87248. 87259. 87262. 87277. 87278. 87290. 87292. 87297. 87299. 87304. 87305. 87329. 87330. 87346. 87357. 87358. 87372. 87375. 87376. 87403. 87413. 87436. 87439. 87440. 87441. 87487. 87490. 87491. 87510. 87538. 87592. 87593. 87626. 87627. 87628. 87629. 87630. 87647. 87693. 87739. 87835. 87874. 88090. 88462. 88696. 92010. 92212. 92442. 92937. 92979. 92987. 93061. 93062. 93087. 93130. 93150. 93191. 93194. 93195. 93206. 93222. 93223. 93236. 93246. 93266. 93333. 93335. 93355. 93356. 93367. 93372. 93398. 93418. 93444. 93445. 93463. 93474. 93508. 93510. 93531. 93532. 93534. 93554. 93561. 93576. 93632. 93689. 93700. 93713. 93736. 93747. 93834. 96290. 98257. 98376. 98535. 98602. 98781. 98785. 98795. 98796. 98803. 98805. 98811. 98816. 98818. 98829.

98835. 98836. 98838. 98839. 98849. 98851. 98854. 98885. 98900. 98912. 98952. 98955. 98956. 98969. 98972. 98973. 98997. 99007. 99008. 99023. 99027. 99029. 99078. 99114. 99119. 99120. 99145. 99152. 99155. 99171. 99185. 99186. 99213. 99224. 99243. 99244. 99270. 99280. 99349. 99497. 99570. 99612. 99633. 99673. 99726. 99741. 99827. 99828. 100699. 100865. 101054. 101816. 102213. 102765. 103454. 103560. 103561. 104347. 104673. 104756. 104858. 105034. 105073. 105074. 105179. 107654.

#### Cessation of Patents

83667. 83671. 83674. 83679.

#### Restoration Proceedings

(1)

An order has been made on the 1st March 1969, restoring the patent No. 79352 dated as of the 16th November 1961, granted to Inventa A. G. Fur Forschung Und Patentverwertung for "process for production of pur methanol from crude synthetic methanol".

(2)

An order has been made on the 13th March 1969 restoring the patent No. 84466 dated as of the 4th October 1962 granted to Fertilizer Corporation of India Limited for "a process of preparation of active carbon from coke oven acid sludge".

(3)

An order has been made on the 12th March 1969, restoring the patent No. 87970 dated as of the 15th May 1963 granted to Siderfarni S.p.A. for "device for cooling the external Jacket of metallurgical converters".

#### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class. 1. Nos. 133777 and 133778. Kapadia Manufacturing Co., (an Indian sole proprietorship firm) Plot No. 172, Sewree Cementry Road, Near Navbharat Potteries, Bombay-15, (Maharashtra), "Fan", May 13, 1968.

Class. 1. No. 134382. C. A. V. Limited, Warple Way, Acton, London, England. A British Company. "An electrical resistor", March 29, 1968. (U. K.).

Class 1. No. 134607. America Lock Company, 3-East Park Road, Karol Bagh, New Delhi-5/Indian Partnership Concern, "The cycle lock", October 4, 1968.

Class 1. No. 134798. Raghuvir Industries, (an Indian Partnership Firm), c/o. Golden Metal Industries, D. Plot, Club Road, Jamnagar (Gujarat), "Valve repairing tool", November 4, 1968.

Class 1. No. 134804. Raghuvir Industries, (an Indian Partnership Firm), D. Plot, Club Road, Jamnagar (Gujarat), "Valve repairing tool", November 11, 1968.

Class 1. No. 134890. J. J. Trading Company, Stall No. 21, Lajpat Rai Market, Delhi-6, an Indian partnership firm, "Heaters", December 2, 1968.

Class 1. No. 134918. Joginder Singh, an Indian National, Kooler Refrigeration & Air Conditioning Company, L. Block Connaught Circus, New Delhi-1, "Television aerial", December 9, 1968.

Class 1. No. 134926. Vishwanath Sawalka, 90, Mukhtaram Babu Street, Calcutta-7, West Bengal, India, Indian Nationality, "A drawing toy", December 9, 1968.

Class 3. No. 134389. Arun Chhotabhai Patel, An Indian Citizen, A 5/5 & 5/6, Industrial Estate, Baroda-3, Gujarath, India, "Stacking box", August 17, 1968.

- Class 3. No. 134390. Chandan Metal Products Pvt. Ltd., An Indian Private Limited Company registered under the Indian Companies' Act, 1958, 13, Koregaon Park, Poona-1 Maharashtra, India, "Stacking box", August 17, 1968.
- Class 3. Nos. 134418, 134420 and 134421. Mars and Movies, an Indian proprietary concern, 50 Sarang Street, Bombay-3, State of Maharashtra, India, "Nipple for feeding bottles", August 24, 1968.
- Class 3. No. 134891. Shrikant Jain, Chandmal Srimal and Kanakraj Parekh, all Indian nationals, 33 Burtolla Street, Calcutta-7, State of West Bengal, India, "Can", December 3, 1968.
- Class 3. No. 134892. Shrikant Jain, Chandmal Srimal and Kanakraj Parekh, all Indian nationals, 33, Burtolla Street, Calcutta-7, State of West Bengal, India, "Water bottle", December 3, 1968.
- Class 3. No. 134893. Shrikant Jain, Chandmal Srimal and Kanakraj Parekh, all Indian nationals, 33, Burtolla Street, Calcutta-7, State of West Bengal, India, "Soup dish", December 3, 1968.
- Class 3. No. 134773. Camlin Private Limited, Indian Company, J. B. Nagar, Andheri, Bombay-59. AS, Maharashtra, "Gum bottle" October 31, 1968.
- Class 3. No. 134929. Vishwanath Sawalka, 90, Mukhtar Babu Street, Calcutta-7, West Bengal, India, Indian Nationality, "A drawing toy", December 9, 1968.
- Class 3. No. 134797. Chillarige Sivajee Rao, Hanumanulapet, Vijayawada-3, Andhra Pradesh, India, and an Indian, "Protector for collar", November 4, 1968.
- Class 3. No. 135094. Patrick Monteiro, An Indian Citizen, Marv-dell No-2, Lady Jamshedji Off Road, Mahim, Bombay-16, Maharashtra, India, "Electric switch", January 4, 1969.
- Class 3. No. 135096. Creators, an Indian Registered Partnership firm, 91, Mistry Park, 77 Warden Road, City of Bombay, State of Maharashtra, India, "Desk calendars", January 4, 1969.
- Class 4. Nos. 134790 and 134791. Brooke Bond India Limited, an Indian Company, 'Brooke House', 9, Shakespeare Sarani, Calcutta-16, West Bengal, India, "A bottle", November 2, 1968.
- Class 9. No. 135267. Sovrin Knit Works, Fategarh Road, Amritsar (Punjab), a registered firm of Indian Nationality, "Textile goods", February 7, 1969.
- Class 9. No. 135330. Sovrin Knit Works, Fategarh Road, Amritsar (Punjab), a registered firm of Indian Nationality, "Textile goods", February 21, 1969.
- Class 10. No. 134388. Svik (India), an Indian sole proprietary firm, 28 'Sadhna', Nowroji Gamadia Road, Bombay-26, Maharashtra, India, owned by Satyawan Prasad Gupta, "A footwear", August 16, 1968.
- Class 10. No. 135100. Ellora Plastics, Ist Gate, Atul, (Gist, Bulsar) State of Gujarat, an Indian Partnership firm duly registered under the Indian Partnership Act, "A footwear", January 6, 1969.
- Class 11. No. 134796. Chillarige Sivajee Rao, Hanumanulapet, Vijayawada-3, Andhra Pradesh, India, and an Indian, "Protector for collar", November 4, 1968.
- Class 13. Nos. 135259 to 135263. The Khatau Makanji Spg. & Wvg. Co., Ltd., Laxmi Building, 6, Ballard Road, Bombay-1, Indian Company, "Textile piece-goods", February 4, 1969.
- Class 13. Nos. 135268 and 135269. The Crown Spg. & Mfg. Co., Ltd., Sir Vithaldas Chambers, 16, Apollo Street, Fort, Bombay-1, Maharashtra, Nationality—Indian Company, "Textile goods", February 7, 1969.
- Class 13. Nos. 135270 to 135276. Shree Ram Mills Ltd., Fergusson Road, Lower Parel, Bombay-13, Maharashtra, Nationality—Indian Company, "Textile goods", February 7, 1969.

Class 13. No. 135280. Universal Knitting Industries, Indian Partnership firm, 50, Bamanji Master Road, Opp. Kalbadevi Road, P.O. New Silk Bazar, Bombay-2, Maharashtra, "Textile piecegoods", February 10, 1969.

Class 13. Nos. 135297 to 135300. Shree Ram Mills Ltd., Fergusson Road, Lower Parel, Bombay-13, Maharashtra, Nationality—Indian Company, "Textile goods", February 14, 1969.

Class 13. No. 135366. The Crown Spg. & Mfg. Co., Ltd., Sir Vithaldas Chambers, 16, Apollo Street, Fort, Bombay-1, Maharashtra, Nationality—Indian Company, "Textile goods", February 27, 1969.

#### Copyright Extended for A Second Period of Five Years

Design Nos. 121346, 121347, 121349, 121350, and 121357 Class-13.

*Name Index for applicants for patents for the month of February, 1969 (Nos.)*

*Name and Application No.*

#### A

Aggarwal, R. S.—119675.  
Aiken, S. J.—119982.  
Akhmetov, G. S.—119937.  
Aktiebolaget Nohab—119690.  
Aktiebolaget Svenska Flaktfabriken—119969.  
Albiswerk Zurick A. G.—119699.  
Albright & Wilson Ltd.—119672, 119713.  
Aleshin, V. A.—119937.  
Alexon-Pac. Ab.—119698.  
Alfa-Laval Ab.—119890.  
Allied Chemical Corp.—120028.  
Allmanna Svenska Elektriska Aktiebolaget—119836, 119837.  
American Machine & Foundry Co.—119935.  
Ampex Corporation.—119799.  
Andrew Yule & Co. Ltd.—119717.  
Apparao, A.—119774, 119775.  
Arora, V. Miss.—119735.  
Atre, Y. R.—119819.  
Aujit, T. C.—119975.  
Aurobrite (India) Private Ltd.—119927.  
Aziz, A.—119933.

#### B

Badische Anilin & Soda Fabrik Aktiengesellschaft—119694, 119872.  
Bajjal, B. K.—119725.  
Balaram, S.—120023.  
Balasubramanian, P. N.—119880.  
Ballabh, P.—119684.  
Beecham Group Ltd.—119643, 120084, 119771.  
Beer, H. B.—120007.  
Bhagavantham, S. Dr.—120040.  
Bharadwaj, N. P.—119831.  
Bhattacharjee, S.—119737.  
Borok, B. A.—119937.  
Braun, A.—119947.  
Braunschweigische Maschinenbauanstalt.—119708.  
Bristol-Myers. Co.—119753.  
British American Tobacco Co. Ltd.—119813.  
British Insulated Callender's Cables Ltd.—119821, 120060, 120061.  
British Petroleum Co. Ltd. The.—119840, 119841, 120017.  
Burger, M. R.—120087.  
Buzova, Z. H.—120056.

#### C

C. A. Norgren Co.—120003.  
Carding Specialists (Canada) Ltd.—119791.  
Cardwell Westinghouse Co.—119800.



*Name and application No.*

Carlsen, E.—119720, 119721.  
 Carlsen, H. G.—119720, 119721.  
 Celanese Corporation.—119780.  
 Century Rayon (Prop : The Century Spg. & Mfg. Co. Ltd.)—119868.  
 Chakravarti, B. C.—119786.  
 Chatterjee, R.—119786.  
 Chemical Construction Corp.—119681, 119891.  
 Chhabra, J. R.—120075.  
 Ciba Ltd.—119640, 119641, 119642, 119646, 119664, 119665, 119738, 119739, 119740, 119764, 119765, 119777, 119812, 119827, 119829, 119844, 119856, 119900, 119901, 119902, 119903, 119904, 119909, 119910, 119948, 119949, 119953, 119954, 119955, 119970, 119977, 119978, 120020, 120021, 120045, 120046, 120047.  
 Colgate-Palmolive Co.—119964.  
 Colorado Springs National Bank.—119924.  
 Commissariat A. L'Energie Atomique.—119838.  
 Compagnie Des Compteurs.—119900.  
 Compagnie Pechiney.—119959.  
 Council of Scientific & Industrial Research.—119756, 119805, 119938.  
 Creative Engineering Limited.—119712.

*D*

Das, P. C. S.—120076.  
 Deere & Co.—119781.  
 Defibrator Aktiebolag.—120091.  
 De, A. N.—119996.  
 Delany, Da D. S.—120087.  
 Desai, G. C.—119974.  
 Dhir, R. R.—119916.  
 Dholaria, K. R.—119803, 119804.  
 Dmitriev, J. I.—119937.  
 Doittau Produits Metallurgie.—120032.  
 Dow Chemical Co. The.—119769.  
 Dresser Industries Inc.—119680.  
 Dunlop Co. Ltd. The.—119884, 119734, 119894, 119897, 119921.  
 Dutt, J. N.—119654.

*E*

Egyesult Gyogyszer Es Tapszergyar.—119723.  
 E. I. Du Pont De Nemours & Co.—119663, 120080.  
 Eli Lilly and Co.—119706.  
 English Electric Co. Ltd. The.—119882, 120031.  
 E. R. Squibb & Sons Inc.—119945.  
 Esso Research & Engineering Co.—119807.  
 Etablissements Superba Sa.—120015.  
 Exchange National Bank as Trustee.—119845.  
 E. Z. Mills Inc.—119700.

*F*

Fabbrica Italiana Magneti Marelli S.p.A.—119946.  
 Fabricacion Espanola de Colchones Anatomicos Sociedad Anonyme.—119749.  
 Farrchild Camera & Instrument Corp.—120038.  
 Farbenfabriken Bayer Aktiengesellschaft.—119809, 119810, 119861, 119862, 119899, 119922, 119987.  
 Farbwerke Hoechst A. G. Vormals Meister Lucius & Bruning.—119693, 119724, 119773, 119783, 119784, 119815, 119842, 119843, 119846, 119873, 120073.  
 Fertilizer Corporation of India Ltd.—119679.  
 F. Hoffmann La Roche & Co. Aktiengesellschaft.—119722, 119766, 119767, 119971, 120014, 120083.  
 Firestone Tire & Rubber Co.—119758, 119759, 119991, 120064.  
 Fison Pharmaceuticals Ltd.—119670, 119671.  
 Flowmore Private Ltd.—119968.  
 F. L. Smidth & Co. A/S.—120069.  
 Fmc Corporation.—119823, 119918.  
 Foster Grant Co. Inc.—119814.  
 Foster, K. W.—119752.

*Name and application No.*

Fried Krupp G.M.B.H.—120081, 120081.  
 Fujisawa Pharmaceutical Co. Ltd.—119796.

*G*

General Motors Corporation.—119703.  
 Gerdau Chemical Corporation.—119912.  
 Gertsik, F. M.—120056.  
 Gestetner Ltd.—119943.  
 Ghose, J.—119976.  
 Girling Ltd.—119919.  
 G. K. N. Somerset Wire Ltd.—119793.  
 Glanzstoff, A. G.—119770.  
 Glavnoe Upravlenie Po Proizvodstvu Bakterijnykh Virusnykh Preparatov Ministerstva Zdravookhraneniya SSSR.—120009.  
 Golubeva, L. S.—119937.  
 Goss Multiple Tools Ltd.—119863.  
 Gromova, S. P.—119937.  
 Grunzweig & Hartmann Aktiengesellschaft.—119667.  
 Gupta, C.—119750.  
 Gupta, S. K. Dr.—119994.  
 Gwynn, R. M.—119825.

*H*

Halcon International Inc.—119704, 119865, 119917.  
 Halomet A. G.—120096.  
 Hansford, R. J.—119655.  
 Hari Brothers Private Ltd.—119695.  
 Hari Prasad, C.—119854.  
 Heinrich Koppers Gesellschaft mit Beschränkter Haftung.—119746, 119979.  
 Henri Favre Taillerie De Diamants S.A. St. Claude.—119701, 119702, 119965.  
 Hindustan Lever Ltd.—119998.  
 Honda Giken Kogyo Kabushiki Kaisha (Honda Motor Co. Ltd.)—119857.  
 Hooper, B.—119732.

*I*

Imperial Chemical Industries Ltd.—119729, 119733, 119792, 119860, 119896, 119999, 120000, 119988.  
 Indian Oxygen Ltd.—119881.  
 Instytut Gos podarki Komunalnej.—120072.  
 International Standard Electric Corporation.—119718.

*J*

Jain, K. K.—119956.  
 Jain, S. P.—119656.  
 Jawa Narodni Podnik.—119683.  
 Jay Engineering Works Ltd. The.—119785.  
 Jg. Glass Industries Ovt. Ltd.—120010, 120011, 120012, 120013.  
 Jervis, B. Webb Co.—119731.  
 Joseph Lucas (Industries) Ltd.—119688, 119883, 119885.  
 Joshi, N. R.—119871.  
 J. R. Geigy A. G.—119940, 119941, 119942, 120090.

*K*

Kaiser Aluminum & Chemical Corporation.—119745.  
 Kalachev, S. L.—119849, 119850.  
 Kalinga Otto Private Ltd.—120085.  
 Kanegafuchi Boseki Kabushiki Kaisha.—119639.  
 Karve, B. G.—119878.  
 Katsman, V. A.—119889.  
 Khcheian, K. E.—119938.  
 Khokhani, R. G.—119869, 119972.  
 Kholodnov, E. V.—119889.  
 Kishinevsky Nauchno-Issledovatel'sky institut Elektropriborostroenia.—119923.  
 Kitazawa, K.—119705.  
 Kocherginsky, M. D.—119849, 119850.  
 Koppers Co. Inc.—120078.  
 Krishnaswami, A. C. K.—119854.

*Name and application No.*

Kuljian Corporation (India) Private Ltd., The.—119957, 120052.  
 Kumiai Chemical Industry Co. Ltd.—119741.  
 Kureha Kagaku Kogyo Kabushiki Kaisha.—119911.  
 Kyowa Hakko Kogyo Co. Ltd.—119888, 120006.  
 Kyowa Hakko Kogyo Kabushiki Kaisha.—119816.

*L*

Lansing Bagnall Ltd.—119689, 119761.  
 La Vreotiki Societe Industrielle Anonyme.—119673.  
 Leijon, T. N. W.—120002.  
 Libbey-Owens Ford Co.—120036.  
 Lomov, N. V.—119889.

*M*

Makhteshim Chemical Works Ltd.—120018.  
 Mak, N. E.—119938.  
 Malleable Tube Products of India.—119727.  
 Manohar Industries.—119852.  
 Marathe, C. R.—120050.  
 Marshall Sors and Company Ltd.—119687.  
 Marshall's Tea Machinery Co. Ltd.—119650.  
 Mefina, S. A.—119820.  
 Mehra, N. K.—119710.  
 Mehta, I. L.—119697.  
 Melle-Bezons S. A.—120029.  
 Merck & Co. Inc.—119907.  
 Messerschmitt-Bölkow Gesellschaft Mit Beschränkter Haftung.—119788.  
 Metallgesellschaft. A. G.—119711.  
 Metrimpex Magyar Muszeripari Kulkereskadalmi Vallalat.—119798.  
 Michelin & Cie (Compagnie Generale Des Etablissements Michelin).—120016.  
 Miles Laboratories, Inc.—119714.  
 Mitsubishi Jukogyo Kabushiki Kaisha.—119685.  
 Mitsui Toatsu Chemicals, Inc.—119875.  
 M. M. Macchine Molitorie S.p.A.—120071.  
 Monsarto Company.—119886, 119887.  
 Montecatini Edison S.p.A.—119778.  
 Muthiah, A.—119751.  
 Muthiah, R.—119751.

*N*

Nabiullian, F. K.—120056.  
 Nidecker, H. J. Dr. Med.—119834.  
 Nordmark-Werke GmbH.—119782, 119848.  
 Norwich Pharmacal Co. The.—119652.  
 N. P. Industries.—119787.  
 N. V. Chefaro Maatschappij.—120095.  
 N. V. Philips Gloeilampenfabrieken.—119669, 119779, 119817, 119818, 119913, 119914, 119983, 120022, 120048, 120049, 120089.

*O*

Oakland Corporation, The.—120092.  
 Odesskoe Spetslalnnoe Konstruktorskoe Bjuro Spetslalnnykh Stankov.—120079.  
 Omer, S. A.—119736.  
 Ortho Pharmaceutical Corp.—119754.

*P*

Palitex Project Company GmbH.—119874, 119906.  
 Panda, B. (Mrs.).—119915.  
 Paraho Corporation.—119877.  
 Paranjape, N. V.—119832.  
 Parks Cramer Co.—119811, 119985.  
 Patel, S. D.—119819.  
 Paul, S.—119786.  
 Pechiney-Progil.—120093.  
 Permutit Co. Ltd., The.—119981.

*Name and application No.*

Pilkington Brothers Ltd.—119776, 119797, 120070.  
 Pioneer Oilsealing & Moulding Co. Ltd.—120059.  
 Platen, B. C. V.—119997.  
 Polkovnikova, A. G.—119938.  
 Polysius Ag.—119920.  
 Preformed Line Products Co.—120086.  
 Procter & Gamble Co.—119986.  
 Purolator, Inc.—120037.  
 Pushpak Ex—Imp (India).—119855.

*Q*

Quenot & Cie S.a.r.l.—119648, 119649, 119730, 120001, 120033, 120034.

*R*

Radio Corp. of America.—119680, 120027.  
 Raj, C. S.—119973, 120053.  
 Rao, B. P.—119747.  
 Rao, V. B. M.—119802.  
 Rao, V. M. J.—119802.  
 Rao, S. T.—119747.  
 Rashinkar, K. N. Mrs.—119870.  
 Ray, K. Mrs.—119928.  
 Reddy, D. P.—119929.  
 Reddy, D. S.—119929.  
 Reddy, D. P.—119929.  
 Reddy, G. S. R.—119747.  
 Revenko, O. M.—119938.  
 Rhone Poulenc, S. A.—119728, 119824, 119833, 119944.  
 Rikabchand, G.—119993.  
 Riv—Skf. Officine Di Villar Perosa S.p.A.—119905.  
 Rohm & Haas Co.—119755, 119966.

*S*

Salvi, S. R.—119879.  
 Sandoz Ltd.—119743, 119925, 119772, 119908, 120043.  
 Sankyo Company Ltd.—119980.  
 Sanyal, R.—119653.  
 Sayaji Mills Ltd.—119826.  
 Sazonova, G. I.—119937.  
 Schegoleva, R. P.—119937.  
 Schekln, V. M.—119937.  
 Scherico Ltd.—119691.  
 Schering Aktiengesellschaft.—119932, 120024.  
 Scientific Adviser to the Defence Minister, Ministry of Defence, Govt. of India.—120039, 120041, 120057.  
 Scm Corporation.—120005.  
 Sekai Kirisutokyo Toitsu Shinrei Kyokai.—120055.  
 Shiddhaye, M. V.—119995.  
 Shiddhaye, S. M.—119995.  
 Shwayder, W. M.—119794.  
 Siderpatents, S. A.—119951.  
 Siemens Aktiengesellschaft.—119661, 120054.  
 Silaev, A. F.—119937.  
 Singh, C. T. J.—119757.  
 Siwersson, O. L.—119858.  
 Smlski, L.—119692.  
 Snam Progetti S.p.A.—119801.  
 Societa Farmaceutici Italia.—119984.  
 Societe Des Forges Et Ateliers Du Creusot.—119763.  
 Societe Des Forges Et Ateliers Du Creusot.—119839, 119864.  
 Societe D'Etudes Saentifiques Et Industrielles De L'ile-De-France.—119795.  
 Societe Greno Bloise D'Etudes Et D' Applications Hydrauliques (S.O.G.R.E.A.H.).—119806.  
 Soorma, T. S.—119726.  
 Sorokin, V. K.—119937.  
 Soti, K. P.—120058.  
 Sotik Tea Company Ltd., The.—119926.

*Name and application No.*

Spezialhoe Konstrukorskoe Bjuro.—119709.  
 Sphere Investments Ltd.—119651.  
 Stamicarbon N. V.—119674, 120063.  
 Standard Telephones & Cables Ltd.—119950.  
 Stauffer Chemical Company.—120044.  
 S.T.D. Services Ltd.—119760.  
 Sumitomo Chemical Co. Ltd.—119657, 119744, 119830.  
 Sun Oil Co.—119892.

*T*

Takeda Chemical Industries Ltd.—119768.  
 Tenneco Corporation.—119715.  
 Texaco Development Corp.—119662.  
 Texaco Development Corp.—120077.  
 Texas Eastern Transmission Corp.—119645.  
 Themy, T.—119825.  
 Thomson—CSF.—120035.  
 Tikhonova, M. P.—119938.  
 Tikhonov, G. F.—119937.  
 Tokyo Shibaura Electric Co. Ltd.—119676, 119677, 119678.  
 Tokyo Shibaura Electric Co. Ltd.—119853.  
 "Tomos" tovarna motoraih Vozil Koper.—119707.  
 Tractel Tirfor India Pvt. Ltd.—119930, 119931.  
 Tell K. G.—119858.  
 Tovarna Motornih Vozil Tomos.—119742.  
 Toyo Rayon Co. Ltd.—119686.  
 Treadwell Corp. The.—119828.  
 Tsentralny Nauchno Issledovatel'sky Institut Chernoi Metallurgii imeni I. P. Bardina.—119851.  
 Tube Transit Corp.—119658, 119659, 119660.

*U*

Union Carbide Canada Ltd.—119789.  
 Union Carbide Corp.—119666, 119790, 119822, 119859, 120004, 120094.  
 United Aircraft Corp.—120088.  
 United States Steel Corp.—119716, 119808, 119961, 119962, 119963, 120065.

*Name and application No.*

Universal Graders Ltd.—119762.  
 Universal Oil Products Co.—119895, 119835, 119960, 120030.  
 Universal Protein Establishment.—120074.  
 Upjohn Co. The.—120019, 120066, 120067, 120068.

*V*

Vanton Pumps (India) Private Ltd.—119992.  
 Varma, D. N.—119748.  
 Veb Arzncialittelwerk Dresden.—119893.  
 Veb Elektrochemisches Kombinat Ritterfeld.—120008.  
 Venot-Pic, Societe Anonyme.—119696.  
 Venugopalan, V.—120051.  
 Vickers-Zimmer Aktiengesellschaft Planung und Ban Von Industrieanlagen.—119867.  
 Villamos Berendezes Es Kessulek Muvek.—119952.  
 Vinar Ltd.—120042.  
 Volgogradsky Aljuminievyy Zavod.—119967.  
 Vsesojuzny manchno Issledovatel'sky institut Kriogennogo mashinostwenia.—119936, 119939.  
 Vsesojuzny Nauchno Issledovatel'sky i Proektny institut Aljuminievoy Zavod.—119967.

*W*

Wallis, G. Z.—119989.  
 Weather Engineering Corp. of Canada, Ltd.—119719.  
 Wellcome Foundation Ltd. The.—119644.  
 Western Electric Co. Inc.—119876.  
 Westfälische Metall Industrie Kg Hueck & Co.—119898.  
 Westinghouse Electric Corp.—119934, 120025, 120026.  
 Winter, R. W.—119668.

*X*

Xerox Corp.—119647.

*Z*

Zjuzin, S. A.—120056.

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